

Applicant: Smith et al.
For: A LAUNCHER PLATFORM

1 (Once amended)
1. (A launcher platform comprising:
2 a ^{monolithic platform} support structure; and
3 a plurality of rails mounted on the ^{monolithic platform} support structure for
4 supporting ^{missiles} ~~missiles~~ thereon,
5 each adjacent rail elevated above the other rails to accommodate
6 additional ^{missiles} ~~missiles~~ and different type ^{missiles} ~~missiles~~ while maintaining a low
7 center of gravity.

1 (Once amended)
2. (The launcher platform of claim 1 in which there are six rails total, three
2 on each side of the ^{monolithic platform} support structure, and the intermediate rails on each side are elevated
3 above the other rails.

1 (Once amended)
3. (The launcher platform of claim 1 in which there are N total rails where N
2 is an even number, N/2 rails on each side of the ^{monolithic platform} support structure, and the minority of
3 the rails are elevated.

1 4. The launcher platform of claim 1 in which adjacent rails are offset from
2 the other rails.

1 5. The launcher platform of claim 4 in which the offset rails are offset
2 rearwardly from the other rails.

1 6. The launcher platform of claim 4 in which the elevated rails are offset

2 from the other rails.

1 (Once amended)
2 7. The launcher platform of claim 4 in which there are six rails total, three
3 on each side of the ^{monolithic platform} support structure, and the intermediate rails on each side are elevated
4 above and offset rearwardly from the other rails.

1 (Once amended)
2 8. The launcher platform of claim 4 in which there are N rails total where N
3 is an even number, N/2 rails on each side of the ^{monolithic platform} support structure, and the minority of
4 the rails are offset from the other rails.

1 ~~9. The launcher platform of claim 1 in which the support structure is a~~
2 ~~monolithic platform.~~

1 (Once amended) 1 Support structure
2 10. The launcher platform of claim 1 in which the monolithic platform
3 includes a set of mounting pads for each rail.

1 (Once amended)
2 11. The launcher platform of claim 10 in which the mounting pads are cast
3 as a part of the ^{monolithic} platform support structure

1 (Once amended) 1 monolithic support structure
2 12. The launcher platform of claim 1 in which the platform has a
3 predetermined width and a predefined length.

1 (Once amended) 1 monolithic support structure
2 13. The launcher platform of claim 1 in which the platform is made of
3 aluminum.

1 14. ^(Once amended) ¹ ^{monolithic} ^{support structure}
2 The launcher platform of claim 1 in which the platform is made of a
composite material.

1 15. ^(Once amended) ¹ ^{monolithic} ^{support structure}
2 The launcher platform of claim 1 in which the platform has a center line
and the rails are symmetrically arranged with respect to the center line of the platform.

1 (Once amended)
 16. { A launcher platform comprising:
 2 ^{monolithic platform}
 a { support structure; and
 3 a plurality of rails mounted on the ^{monolithic platform} support structure for
 4 supporting ^{missiles} ~~missiles~~ thereon,
 5 each adjacent rail elevated above and offset rearwardly from the other
 6 rails to accommodate additional missiles and different type ^{missiles} ~~missiles~~ while
 7 maintaining a low center of gravity.

1 (Once amended)
 17. { The launcher platform of claim 16 in which there are six rails total, three
 ^{monolithic platform}
 2 on each side of the { support structure, and the intermediate rails on each side are elevated
 3 above the other rails.

1 (Once amended)
 18. { The launcher platform of claim 16 in which there are N rails total where
 ^{monolithic platform}
 2 N is an even number, N/2 rails on each side of the { support structure, and the minority of
 3 the rails are elevated.

1 (Once amended)
 19. { The launcher platform of claim 16 in which there are N rails total where
 ^{monolithic platform}
 2 N is an even number, N/2 rails on each side of the { support structure and the minority of
 3 the rails are offset rearwardly from the other rails.

1 ~~20. The launcher platform of claim 16 in which the support structure is a~~
 2 ~~monolithic platform.~~

1 (Once amended) 16 support structure
 21. { The launcher platform of claim ~~20~~ in which the monolithic platform {
 2 includes a set of mounting pads for each rail.

1 22. (Once amended) The launcher platform of claim 21 in which the mounting pads are cast
2 as a part of the ^{monolithic} platform ^{support structure}

1 23. (Once amended) 16 monolithic support structure
2 The launcher platform of claim ~~20~~ in which the platform has a
predetermined width and a predefined length.

1 24. (Once amended) 16 monolithic support structure
2 The launcher platform of claim ~~20~~ in which the platform is made of
aluminum.

1 25. (Once amended) 16 monolithic support structure
2 The launcher platform of claim ~~20~~ in which the platform is made of a
composite material.

1 26. (Once amended) 16 monolithic support structure
2 The launcher platform of claim ~~20~~ in which the platform has a center line
and the rails are symmetrically arranged with respect to the centerline of the platform.

1 (Once amended)
27. (A launcher platform comprising:
2 ^{monolithic platform}
a support structure; and
3 ^{monolithic platform}
a plurality of rails on each side of the support structure, at least
4 one rail on each side elevated above the other rails to accommodate additional ^{missiles}~~missiles~~
5 and different type ^{missiles}~~missiles~~.

1 (Once amended)
28. (The launcher platform of claim 27 in which there are N rails total where
2 ^{monolithic platform}
N is an even number, N/2 rails on each side of the support structure, and the minority of
3 the rails on each side are elevated.

1 29. The launcher platform of claim 27 in which at least one rail is offset
2 from the other rail or rails.

30. (Once amended)
A launcher platform comprising:
a monolithic platform
(support structure; and
a plurality of rails on each side of the support structure, at least
one rail on each side offset rearwardly from the other rail or rails to accommodate
additional missiles and different type missiles.

1 31. The launcher platform of claim 30 in which at least one rail is elevated
2 above the other rail or rails.